Mathematics ECAT Pre Engineering Chapter 7 Partial Fractions Online Test

Sr	Questions	Answers Choice
1	Question Image	A. Polynomial B. Equation C. Improper rational fraction D. Proper rational fraction
2	Question Image	
3	$x^3 + 2x^2 - 3x + 5$ is _____	A. An equation B. A polynomial C. Proper rational fractions D. Improper rational fractions
4	A relation in which the equality is true only for some values of the unknown is called	A. An identity B. An equation C. A polynomial D. None
5	Question Image	
6	Question Image	
7	An equation which hold good for all values of the variables is called	A. Identity B. fraction C. mixed form D. Partial equation
8	$(x + 3)(x + 4) = x^2 + 7x + 12$ is _____	A. Quadratic equation B. Linear equation C. Cubic equation D. Identity
9	Question Image	
10	Question Image	A. Rational fraction B. Proper fraction C. Improper rational fraction D. None of these
11	Question Image	
12	Question Image	
13	Question Image	A. Proper fraction B. Improper fraction C. Rational fraction D. None of these
14	To express a single rational fraction as a sum of two or more single rational fractions which are called	A. improper fractions B. Partial fractions C. mixed form D. Polynomials
15	A fraction in which the degree of the numerator is greater than or equal to the degree of the denominator is called	A. A proper fraction B. An improper fraction C. An equation D. An identity
16	A relation in which the equality is true for all values of the unknown is called _____	A. An identity B. An equation C. A polynomial D. None of these
17	$(x + 2)^2 = x^2 + 4x + 4$ is	A. A linear equation B. A cubic equation C. A quadratic equation D. None
18	Question Image	A. A = x, B = 1 B. A = 0, B = 2 C. A = -1, B = 1 D. A = x-1, B = x+1
		A. 1

19	How many types of an equation	B. 3 C. 2 D. None

20	Question Image	

21	Question Image	

22	Question Image	

23	Question Image	A. A = x, B = 1 B. A = 0, B = 2 C. A = -1, B = 1 D. A = x-1, B = x + 1

24	An open sentences formed by using the sign of equality '=' is called _____	A. An identity B. An equation C. A polynomial D. None of these

25	Question Image	

26	Question Image	

27	Question Image	A. Improper rational fraction B. Rational fraction C. Proper rational fraction D. None of above

28	Question Image	A. Improper rational fraction B. Proper rational fraction C. Polynomial D. Equation

29	An improper rational fraction can be reduced by division to a	A. Proper fraction B. Polynomial C. mixed form

30	Which is a proper rational fraction	

31	$x^2 + x - 6 = 0$ is	A. An equation B. An identity C. A polynomial D. None of these

32	Question Image	

33	Question Image	

34	Question Image	

35	A relation in which the equality is true only for some values of the known is called _____	A. An identity B. An equation C. A polynomial D. None of these

36	Question Image	

37	An open sentence formed by using the sign of equality "=" is called	A. Equation B. In equation C. True sentence D. False sentence

38	A fraction in which the degree of the numerator is less the degree of the denominator is called	A. Polynomial B. Proper fraction C. Rational fraction D. None

39	$x^2 + x - 6 = 0$ is a conditional equation and it is true for	A. 2, 3 B. 2, -3 C. -2, -3 D. -2, 3

40	$(x + 2)^2 = x^2 + 4x + 4$ is	A. A linear equation B. A cubic equation C. A quadratic equation D. None

41	Question Image	

42	There are _____ types of rational fraction	A. Three B. Four C. Five D. Two

43	Question Image	

44	An equation which holds good for all values of variables is called	A. Equation B. Conditional equation C. Constant D. None
45	Question Image	
46	When rational fraction is separated into partial fractions, the result is	A. an identity B. A fraction C. A partial sum D. Improper fraction
47	$x^2 + x - 5 = 0$ is	A. A polynomial B. An inequality C. An identity D. None
48	The symbol _____ shall be used both for equation and identity	A. \<br\>
49	Which is the proper rational function	
50	2x = 3 is a conditional equation it is true for	A. 2 B. 3 C. 3/2 D. 2/3
51	A fraction in which the degree of the numerator is less than the degree of the denominator is called	A. Polynomial B. Equation C. Proper fraction D. Improper fraction
52	Question Image	
53	Question Image	
54	Question Image	
55	Question Image	
56	Question Image	A. An expression B. Rational fraction C. Equation D. Identity